WHAT IS CLAIMED IS:

1. A system comprising:

a computer; and

a storage subsystem,

wherein the computer duplicates data and writes them into plural storage areas of the storage subsystem,

wherein the storage subsystem transfers content of data update into a first storage area among the plural storage areas, in which the data have been duplicated and written, to a second storage subsystem connected to the storage subsystem before a request of the computer for the data update to the storage area is completed, and

wherein the storage subsystem transfers the content of the data update into a second storage area among the plural storage areas, in which the data have been duplicated and written, to a third storage subsystem connected to the storage subsystem after a request of the computer for the data update to the storage area is completed.

2. A system according to claim 1, wherein, in a case where abnormality occurs in a connection between the storage subsystem and the second storage subsystem, the

storage subsystem does not receive the request of the computer for update of the data of the first storage area and the second storage area.

3. A system according to claim 2, wherein the storage subsystem receives the data from the second storage subsystem and reconstructs the data stored in the first storage area.

4. A system according to claim 2, wherein the storage subsystem receives the data from the third storage subsystem and reconstructs the data stored in the first storage area.

5. A method of duplicating data in a system including a first site, a second site and a third site, each of the sites including a computer and a storage subsystem, comprising the steps of:

duplicating data in the first site to store them in a first and a second storage areas;

transferring update data of the first storage area to the second site by a synchronous remote copy; and

transferring update data of the second storage area to the third site by an asynchronous remote copy.

6. A method according to claim 5, wherein, in a case

where a failure occurs in the first site, the method further comprises the steps of:

continuing a processing, which has been performed by the computer included in the first site, by the computer included in the second site; and

transferring the update data of a storage area of the storage subsystem included in the second site to the third site.

7. A method according to claim 6, wherein, in a case where the first site is recovered, the method further comprises the steps of:

continuing the processing, which has been performed by the computer of the second site, by the computer of the first site;

transferring the data stored in the storage subsystem of the second site to the storage subsystem included in the first site; and

resuming processings of the duplication, the synchronous remote copy and the asynchronous remote copy in the first site.

8. A method according to claim 6, wherein. in a case where the first site is recovered, the method further comprises the steps of:

continuing the processing, which has been

performed by the computer of the second site, by the computer of the first site;

transferring the data stored in the storage subsystem of the third site to the storage subsystem included in the first site; and

resuming processings of the duplication, the synchronous remote copy and the asynchronous remote copy in the first site.

9. A method according to claim 5, wherein, in a case where a failure occurs in the first site, the method further comprises the steps of:

continuing a processing, which has been performed by the computer included in the first site, by the computer included in the third site;

transferring the data stored in the storage subsystem included in the second site to the third site and making contents of the data of the storage subsystems included in the second and the third sites coincide with each other; and

transferring content of data update into the storage subsystem of the third site to the storage subsystem of the second site.

10. A method according to claim 5, wherein, in a case where a failure occurs in the first site, the method

further comprises the steps of:

continuing a processing, which has been performed by the computer included in the first site, by the computer included in the third site; and

transferring content of data update into the storage subsystem of the third site to the storage subsystem of the second site.

11. A method according to claim 10, wherein, in a case where the first site is recovered, the method further comprises the steps of:

continuing the processing, which has been performed by the computer of the third site, by the computer of the first site;

transferring the data stored in the storage subsystem of the third site to the storage subsystem included in the first site; and

resuming processings of the duplication, the synchronous remote copy and the asynchronous remote copy in the first site.

12. A method according to claim 10, wherein, in a case where the first site is recovered, the method further comprises the steps of:

continuing the processing, which has been performed by the computer of the third site, by the

computer of the first site;

transferring the data stored in the storage subsystem of the second site to the storage subsystem included in the first site; and

resuming processings of the duplication, the synchronous remote copy and the asynchronous remote copy in the first site.

13. A computer system comprising:

a computer; and

a storage subsystem,

wherein the computer writes a log of a database into a first storage area of the storage subsystem, and stores data of the database into a second storage area of the storage subsystem,

wherein the storage subsystem transfers update data into the first storage area and update data into the second storage area to a second storage subsystem connected to the storage subsystem by a synchronous remote copy, and

wherein the computer transfers the log to a second computer connected to the computer.

14. A data duplication method in a system including a first site, a second site and a third site, comprising the steps of:

writing a log of a database into a first storage area of a storage subsystem of the first site by a computer included in the first site and storing data of the database into a second storage area of the storage subsystem of the first site;

transferring update data into the first storage area and update data into the second storage area to the second site by the storage subsystem using a synchronous remote copy; and

transferring the log to the third site by the computer.

15. A method according to claim 14, wherein, in a case where a failure occurs in the first site, the log stored in the second site and the log stored in the third site are made to coincide with each other, and a processing, which has been performed by the computer of the first site, is continued by a computer included in the second site.

16. A method according to claim 14, wherein in a case where a failure occurs in the first site, the log stored in the second site and the log stored in the third site are made to coincide with each other, and a processing, which has been performed by the computer of the first site, is continued by a computer included in the third

site.